



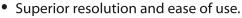
SE-2G GPS Module

SE-2C GPS Module **Digital Compass Enabled**

GPS Antenna

The SE-2 is a dedicated GPS Module with a Digital Compass (on SE-2c models) for RICOH 500SE Digital Cameras to provide an integrated geo-Imaging Solution.

- Embeds GPS coordinates and direction with captured images and video.
- Seamless transfer of pictures and data to the mapping software.
- Rugged, field-ready geo-imaging solution.





Specifications

For **RICOH** 500SE Digital Camera

	Mechanical Certifications	Weather proof FCC, VCCI, CE
	Specifications provided are	under laboratory conditions with the SE-2c mounted on a RICOH 500SE camera.
Compass	Compass accuracy depends on many factors including the environment where the readings are obtained. Specifications provided are under laboratory conditions with the SE-2c mounted on a RICOH 500SE camera. Mechanical Weather proof Certifications FCC, VCCI, CE	
	Accuracy:	+/- 3°
	Tilt Range	+/- 80° from horizontal
		$+/-5^{\circ}$ (on average) at $+/-15^{\circ}$ tilt
	Heading Accuracy	+/- 3° (on average) at level
		Realtime Declination correction
		Accepts input from Laser Rangefinders and computes target coordinates
		 100 different configurable datum (configurable via software)
	reatures with the stilligs	Fix / No Fix indicator
	Features with Eka Strings	Internal memory for log capabilities (useful in camera video mode)
	Firmware	Field upgradeable Eka string or NMEA strings configurable using software
GP5	External Antenna	Optional Patch Antenna connect via MMCX port
CDC	Internal Antenna	Geohelix Antenna
		120 s Cold Start
		38 s Warm Start
	Average Acquisition Time	<10 s Hot Start
	Position Accuracy	1 - 5 m, 2D RMS, WAAS enabled
	Channels	32 Channel; all in view tracking SBAS enabled (WAAS / EGNOS / MSAS) and configurable using software